

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	13	"372"/\$\$\$\$.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant or (heat adj3 sink)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:57
L13	1	"372"/\$\$\$\$.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:56
L12	0	372/35.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:56
L11	0	372/34.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:56
L10	1545	372/34.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:56
L9	550	372/35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:56
L5	0	372/34.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB	OR	ON	2006/07/03 20:56
L4	0	372/35.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB	OR	ON	2006/07/03 20:56
L8	0	372/33.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:55

## EAST Search History

L7	812	372/33.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/03 20:55
L6	0	372/33.ccls. and ((semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant))	US-PGPUB	OR	ON	2006/07/03 20:55
L3	1	(semiconductor near3 diode\$) and (bypass) and (parallel and series) and (refrigerant)	US-PGPUB	OR	ON	2006/07/03 20:54
L2	13	(semiconductor near3 diode\$) and (bypass) and (parallel and series) and (heat adj3 sink)	US-PGPUB	OR	ON	2006/07/03 20:48
L1	159	(semiconductor near3 diode\$) and (bypass) and (parallel and series)	US-PGPUB	OR	ON	2006/07/03 20:44
S83	2	(refrigerant and (semiconductor adj3 laser adj3 diode) and (bypass adj3 diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:05
S82	20	(refrigerant and (semiconductor adj3 laser adj3 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:05
S81	10	"372"/\$\$\$\$.ccls. and (refrigerant and (semiconductor adj3 laser adj3 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:05
S80	4	372/36.ccls. and (refrigerant and (semiconductor adj3 laser adj3 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:05
S79	7	372/35.ccls. and (refrigerant and (semiconductor adj3 laser adj3 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:05

## EAST Search History

S78	4	372/34.ccls. and (refrigerant and (semiconductor adj3 laser adj3 diode) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 11:05
S75	1	refrigerant and S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/24 10:59

## EAST Search History

S74	122	(US-20010005606-\$ or US-20010021209-\$ or US-20010026569-\$ or US-20010055346-\$ or US-20020136255-\$ or US-20030002549-\$ or US-20030026303-\$ or US-20030081638-\$ or US-20030091085-\$ or US-20030099267-\$ or US-20030133481-\$ or US-20030133485-\$ or US-20030165172-\$ or US-20030174753-\$ or US-20030227950-\$ or US-20040028097-\$ or US-20040057479-\$ or US-20040126635-\$ or US-20040161011-\$ or US-20040179560-\$ or US-20040196877-\$ or US-20040208209-\$ or US-20040208210-\$ or US-20040228378-\$ or US-20050018726-\$ or US-20050072457-\$).did. or (US-20050220159-\$ or US-20050232321-\$ or US-20050232322-\$).did. or (US-3740622-\$ or US-4161701-\$ or US-4223238-\$ or US-4347445-\$ or US-4399418-\$ or US-4400812-\$ or US-4796264-\$ or US-4831629-\$ or US-4925811-\$ or US-5148194-\$ or US-5278380-\$ or US-5291505-\$ or US-5305344-\$ or US-5319655-\$ or US-5325265-\$ or US-5374798-\$ or US-5384797-\$ or US-5386428-\$ or US-5400173-\$ or US-5465263-\$ or US-5535230-\$ or US-5550852-\$ or US-5553091-\$ or US-5561682-\$ or US-5636234-\$ or US-5640188-\$).did. or (US-5699375-\$ or US-5708674-\$ or US-5742631-\$ or US-5764667-\$ or US-5898722-\$ or US-5917847-\$ or US-5930278-\$ or US-5953359-\$ or US-5963568-\$ or US-5978401-\$ or US-6031855-\$ or US-6052399-\$ or US-6057871-\$ or US-6058124-\$ or US-6101114-\$ or US-6117699-\$ or US-6136623-\$ or US-6137816-\$ or US-6144683-\$ or US-6148016-\$ or US-6167074-\$ or US-6259121-\$ or US-6259714-\$ or US-6385222-\$ or US-6388803-\$ or US-6456635-\$ or US-6459714-\$).did. or (US-6468824-\$ or US-6567445-\$ or US-6618418-\$ or US-6636544-\$ or US-6661824-\$ or US-6663785-\$ or US-6677173-\$ or	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/23 20:00
7/3/2006 8:58:01 PM	C:\Documents and Settings\jguyen56\My Documents\EAST\Workspaces\10 779 645 - multi semi laser device.wsp	Page 4				

## EAST Search History

S73	4	((("5764675") or ("6018602")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/23 19:59
S72	20	("5144631").PN. OR ("5291505"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:50
S71	16	("3705992"   "4400812"   "4401364"   "4616898"   "4805977"   "5459328"   "5530936"   "5604759"   "5736881"   "5920423"   "6031855"   "6061378"   "6137816"   "6259714"   "6292288"). PN. OR ("6798801").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:39
S70	10	("4400812"   "4491742"   "5068862"   "5291505"   "5374798"   "5666045"   "5801375").PN. OR ("6259714").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:38
S69	22	("20040057479"   "4627062"   "4716568"   "4871920"   "5138621"   "5305344"   "5311530"   "5550852"   "5636234"   "5715264"   "6061369"   "6137816"   "6185240"   "6205162"   "6215132"   "6359919"   "6388803"   "6399963"   "6486491"   "6509651"   "6576291"   "6639354").PN. OR ("6768753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:37
S68	10	("4400812"   "4491742"   "5068862"   "5374798"   "5666045"   "5801375"). PN. OR ("6137816").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:37
S67	15	("4223238"   "4347445").PN. OR ("4400812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:36
S66	10	("4400812"   "4491742"   "5068862"   "5291505"   "5374798"   "5666045"   "5801375").PN. OR ("6259714").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:36
S65	13	((("0878880") or ("2278717") or ("6259714") or ("2002025784") or ("6018602")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 11:22
S64	30	maurer adj3 dieter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 11:01

## EAST Search History

S63	0	dieter adj3 maurer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 10:59
S62	71171	dieter maurer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 10:58
S61	1	("19840511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 10:58
S60	4	((("5764675") or ("6018602"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/09 10:57
S59	15	( (bypass adj3 diode\$ ) and (parallel and series) and (heat adj3 sink) and (refrigerant or liquid or cooler)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:46
S58	12	( (bypass adj3 diode\$ ) and (parallel and series) and (heat adj3 sink) and (refrigerant or liquid)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:30
S57	886	( (bypass adj3 diode\$ ) and (parallel and series)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:29
S56	1615	( (bypass adj3 diode\$ )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:28
S55	17	"372"/\$\$\$ and ( (bypass adj3 diode\$ )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:28
S54	1	372/50.1-50.23.ccls. and ( (bypass adj3 diode\$ )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:23

## EAST Search History

S53	1	372/50.1.ccls. and ( (bypass adj3 diode\$) )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:23
S52	1	372/50.1.ccls. and ( (bypass adj3 diode\$) and series and parallel and (plurality or many))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:22
S51	1	372/50.1.ccls. and ((diode\$ and series) and (bypass adj3 diode\$) and parallel and (plurality or many))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:22
S50	1	372/50.1.ccls. and ((diode\$ and series) and (bypass adj3 diode\$) and parallel )	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/01/09 10:21
S49	5	sharp adj3 kaisha and (laser) and (different adj3 melting adj3 point)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 18:56
S48	2752	sharp adj3 kaisha and (laser)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 18:56
S47	11086	sharp adj3 kaisha	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 18:55
S46	12	("5031187"   "5206871"   "5493577"   "5624791"   "5677924"   "5699375"   "5898722"   "5902702"   "5917848"   "5978401"   "6117699"   "6148016"). PN. OR ("6696307").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/15 18:55